

Converting Colors

XYZ(56.5429, 52.7148, 50.9109)

Have a look what the booklet for
XYZ(56.5429, 52.7148, 50.9109)
contains.

XYZ(56.5429, 52.7148, 50.9109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5429, 52.7148,
50.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B5B5
RGB	227, 181, 181
RGB Percent	89%, 71%, 71%
CMY	0.1098, 0.2902, 0.2902
CMYK	0.00, 0.20, 0.20, 0.11
HSL	0°, 45%, 80%
HSV	0°, 20%, 89%
XYZ	56.5429, 52.7148, 50.9109
YIQ	194.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

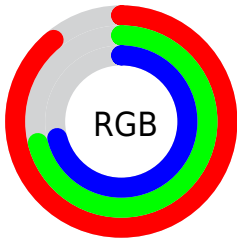
Format	Color
R _Y B	227, 181, 181
Decimal	14923189
CIE _{Lab}	77.71, 16.61, 6.33
CIE _{LCh}	78, 17.776, 20.864
Yxy	52.7148, 0.3530, 0.3291
Android (android.graphics.Color)	4293113269 (0xFFE3B5B5)
YUV	194.7540, -6.7807, 28.2797
Hunter-Lab	72.6050, 11.9526, 9.2491

Details

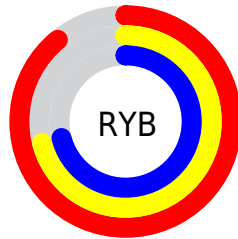
The XYZ color **56.5429, 52.7148, 50.9109** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3897, 70.3062, 83.0610**, and the grayscale version is **51.7542, 54.4494, 59.2954**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **28.4100, 25.6548, 23.8766** is the 20% darker color. If you saturate the color by 10%, you get **50.1556, 43.3687, 38.2114**, and if you desaturate by 10%, it is **64.0645, 63.7212, 65.8620**.

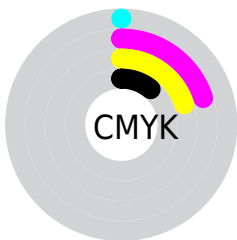
Distribution



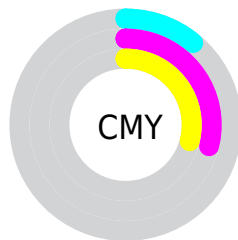
- Red (89%)
- Green (71%)
- Blue (71%)



- Red (89%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5429, 52.7148, 50.9109 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.5429, 52.7148, 50.9109 by changing the saturation by 10% instead.


 56.5429, 52.7148,
50.9109

 56.5429, 52.7148,
50.9109

401.7762,
397.1900, 407.0542

 40.8771, 37.5751,
35.7615

 98.9331, 94.1846,
92.9332

 28.4103, 25.6531,
23.9618

126.3882,
121.2835, 120.6432

 18.7772, 16.5643,
15.0933


158.5038,
153.1376, 153.3770

 11.6124, 9.9243,
8.7376

195.6452,
190.1313, 191.5534

 6.5507, 5.3488,
4.4759

238.1778,
232.6490, 235.5907

 3.2265, 2.4534,
1.8899

286.4669,

 1.2747, 0.8531,

281.0751, 285.9076

0.4863

340.8779,
335.7939, 342.9226

■ 0.1641, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5429, 52.7148,
50.9109

■ 56.5429, 52.7148,
50.9109

■ 50.1556, 43.3687,
38.2114

■ 64.0645, 63.7212,
65.8620

■ 44.8436, 35.5958,
27.6514

■ 72.7670, 76.4554,
83.1628

■ 40.5491, 29.3115,
19.1141

■ 82.6999, 90.9898,
102.9096

■ 37.2070, 24.4210,
12.4705

■ 85.4887, 95.0710,
108.4525

■ 34.7449, 20.8181,
7.5764

■ 33.0800, 18.3818,
4.2671

■ 32.1137, 16.9677,
2.3467

■ 31.6790, 16.3314,
1.4826

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.9230, 52.7148, 60.4583



56.5429, 52.7148, 50.9109



54.3961, 52.7148, 43.9208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5429, 52.7148, 50.9109



45.1459, 52.7148, 46.2511



49.0609, 52.7148, 78.2079

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.5429, 52.7148, 50.9109



60.3897, 70.3062, 83.0610

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.0435, 52.7148, 73.3822



56.5429, 52.7148, 50.9109



43.8523, 52.7148, 54.4417

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5429, 52.7148, 50.9109



47.7845, 52.7148, 41.4521



44.1732, 52.7148, 64.4128



52.4970, 52.7148, 76.9829

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5429, 52.7148, 50.9109



52.3038, 52.7148, 41.2949



44.1732, 52.7148, 64.4128



47.9665, 52.7148, 77.2209

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.5443, 52.7172, 50.9120



87.9959, 89.6780, 94.8763



62.0681, 54.9253, 80.0038



18.6778, 18.9651, 19.9955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5443, 52.7172, 50.9120



70.2037, 63.6431, 59.5055



61.6124, 62.8534, 52.6014



14.3772, 14.3682, 14.9200



18.4752, 9.5246, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.3897, 70.3062, 83.0610



76.0051, 90.1794, 108.0082



54.5147, 58.5562, 81.1027



14.8074, 16.3362, 18.5171



24.1030, 35.2682, 47.9202



1.7812, 2.6063, 3.5411

Previews

White Background



This preview shows how the XYZ color 56.5429, 52.7148, 50.9109 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.5429, 52.7148, 50.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

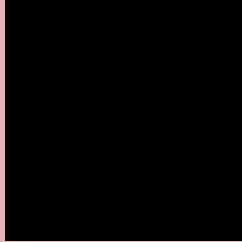
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5429, 52.7148, 50.9109

Background



This preview shows how black text looks on a background with the XYZ color 56.5429, 52.7148, 50.9109.



This preview shows how white text looks on a background with the XYZ color 56.5429, 52.7148,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.5429, 52.7148, 50.9109

Protanopia

50.6264, 52.7198, 54.5213

Deuteranopia

53.8215, 52.8602, 50.5464



Tritanopia

57.7406, 52.5844, 57.5586

Trichromacy



Original Color

56.5429, 52.7148, 50.9109

Protanomaly

52.5397, 52.4533, 53.2543

Deuteranomaly

54.5921, 52.6363, 50.4625

Tritanomaly

57.5015, 52.8106, 55.3069

Monochromacy



Original Color

56.5429, 52.7148, 50.9109

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4398, 53.8100, 56.2850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5429, 52.7148, 50.9109 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.5429, 52.7148, 50.9109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 181, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 181, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5429, 52.7148, 50.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
181, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor